

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008512**Date Inspected:** 06-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang/SunWei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

BAY#1

This QA Inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 002 located on CW001B-PP068. Welder is identified as 059450. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#2

This QA inspector observed the following work in progress:

S.A.W. welding of weld joint numbers 017 and 018 located on FB3095-001. Welder is identified as 045265. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

S.A.W. welding of weld joint numbers 016 and 017 located on FB3092-001. Welder is identified as 045265. ZPMC QC is identified as Zhang Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

S.A.W. welding of weld joint numbers 017 and 018 located on FB3013-001. Welder is identified as 207237. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA inspector verified that the required Non Destructive Testing (NDT) had been completed on the following components for green tags to be issued by ABF.

COMPONENT GREEN TAG#

LD015-030 008980
LD015-031 008981
LD015-032 008982
LD016-030 008983
LD016-031 008984
LD016-032 008985
LD017-017 008986
LD017-018 008987
LD018-017 008988
LD018-018 008989

BAY#3

This QA inspector observed the following work in progress:

Fit up and S.M.A.W. tack welding of weld joint numbers 038 and 039 located on FB204-041. Welder is identified as 055562. ZPMC QC is identified as Zhang Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Fit up and S.M.A.W. tack welding of weld joint numbers 043 and 044 located on FB204-042. Welder is identified as 055562. ZPMC QC is identified as Zhang Yaxu. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Whitehead,Lonnie	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
